

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Substitute for Form 1449 A & B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>					
				Application Number	10/664,979
				Confirmation Number	4959
				Filing Date	September 22, 2003
				First Named Inventor	Yoshiaki SAKATANI
				Art Unit	1754
				Examiner Name	Unknown
				Attorney Docket Number	Q77382
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 2,480,092		08-23-1949	Whately
		US 4,165,239		08-21-1979	Linden et al.
		US 2002/0005145	A1	01-17-2002	Sherman
		US 10/732,367		12-11-2003	Okusako
		US			

FOREIGN PATENT DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS

NON-PATENT LITERATURE DOCUMENT			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴
RJ		E. Kanezaki et al., "Solid-state Chemistry of Thermally Induced Yellow Coulouring in Synthetic Hydrous Titanium Oxide from TiCl ₃ ", J. Chem. Soc. Faraday Trans., Vol. 88, No. 24, 1992, pp. 3583-3586	
		Abstract of Fang et al., "Preparation of fine spherical titania particles by thermolysis of the peroxy complex", STN Chemical Abstracts, Vol. 120, No. 8, February 21, 1994 (XP-002139805)	
		Patent Abstracts of Japan, Vol. 1997, No. 07, July 31, 1997 (corresponding to JP 09-071418)	
↓		Database WPI, Section Ch, Week 199802, Derwent Publications, Ltd., XP002268023 corresponding to JP 09-278443	

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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

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O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT JUN 16 2004 (Use as many sheets as necessary)		Application Number	10/664,979
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		Lei et al., "Studies on Process Conditions of Preparing Nano-Titanium Dioxide with Homogenous Precipitation Method", <i>Inorganic Chemicals Industry</i> , Vol. 33, No. 2, March 2001, pp. 3-5, with English translation	

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		Number	Kind Code ² (if known)		
		US 2002-0012628	A1	01/31/2002	Sawabe et al.
		US 2002-0021999	A1	02-21-2002	Sakatani et al.
		US 2002-0051746	A1	05-02-2002	Okusako
		US 2003-0027704	A1	02-06-2003	Sakatani et al.
		US 2003-0161784	A1	08-28-2003	Okusako et al.
		US 2003-0220194	A1	11-27-2003	Sakatani et al.
		US 2003-0236317	A1	12-25-2003	Sakatani et al.
		US 5,011,674		04-30-1991	Yoshimoto et al.
		US 6,013,372	A	01-11-2000	Hayakawa et al.

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴			
		EP	0 666 107	A2	08-09-1995	Ishihara Sangyo Kaisha, Ltd.
		EP	0 675 086	A2	10-04-1995	Ishihara Sangyo Kaisha, Ltd.
		EP	1 065 169	A1	01-03-2001	Sumitomo Chemical Co., Ltd.
		EP	1 095 908	A1	05-02-2001	Sumitomo Chemical Co., Ltd.
		EP	1 138 634	A1	10-04-2001	Sumitomo Chemical Co., Ltd.
		EP	1 160 202	A1	12-05-2001	Sumitomo Chemical Co., Ltd.
		EP	1 174 392	A1	01-23-2002	Sumitomo Chemical Co., Ltd.
		EP	1 178 011	A1	02-06-2002	Sumitomo Chemical Co., Ltd.
		EP	1 188 718	A2	03-20-2002	Sumitomo Chemical Co., Ltd.
		EP	1 199 103	A2	04-24-2002	Sumitomo Chemical Co., Ltd.
		EP	1 205 244	A1	05-15-2002	Kabushiki Kaisha Toyota Chuo
		EP	1 219 569	A2	07-03-2002	Sumitomo Chemical Co., Ltd.

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		M. Miyauchi et al., "Reversible wettability control of TiO ₂ surface by light irradiation," <i>Surface Science</i> , 511, (2002), pp. 401-407			
		R. Asahi et al., "Visible-Light Photocatalysis in Nitrogen-Doped Titanium Oxides", <i>Science</i> , Vol. 293, 7/13/01, pp. 269-271			
		Shinri SATO, "Photocatalytic Activity of NO _x -Doped TiO ₂ in the Visible Light Region", <i>Chemical Physics Letters</i> , Vol. 123, No. 1, 1/3/86, pp. 126-128			

Examiner Signature	<i>Ruth Waller</i>	Date Considered	11/10/06
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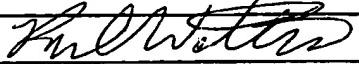
¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	1 279 643	A2	01-29-2003	Sumitomo Chemical Co., Ltd.	
		EP	1 285 953	A1	02-26-2003	Ecodevice Laboratory Co., Ltd.	
		FR	2 677 012	A1	12-04-1992	Rhone-Poulenc Chimie	
		JP	10-67516	A	03-10-1998	Saga Pref. Gov.	Abstract
		JP	2000-140636	A	05-23-2000	Sharp Corp.	Abstract
		JP	2001-278627	A	10-10-2001	Sumitomo Chemical Co., Ltd.	Abstract
		JP	2001-96168	A	04-10-2001	Kankyo Devise Kenkyusho YG	Abstract
		JP	2001-98220	A	04-10-2001	Kankyo Devise Kenkyusho YG	Abstract
		JP	2003-171578	A	06-20-2003	Sumitomo Chemical Co., Ltd.	Abstract
		JP	2003-221230	A	08-05-2003	Sumitomo Chemical Co., Ltd.	Abstract
		JP	2003-48715	A	02-21-2003	Sumitomo Chemical Co., Ltd.	Abstract
		JP	62-207718	A	09-12-1987	Taki Kagaku KK	Abstract
		WO	00/10921	A1	03-02-2000	Showa Denko Kabushiki Kaisha	Abstract
		WO	00/18686	A1	04-06-2000	Tao Inc.	Abstract
		WO	01/56928	A1	08-09-2001	Ecodevice Laboratory Co., Ltd.	Abstract
		WO	02/40609	A1	05-23-2002	Ecodevice Laboratory Co., Ltd.	Abstract
↓		WO	96/29375	A1	09-26-1996	Toto Ltd.	

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